

Harding Lawson Associates

January 11, 2000

BP 49312 00.1

Ms. Joann P. Ornelas
Integrated Environmental Services, Inc.
22932 El Toro Road
Lake Forest, California 92630

Revision No. 1

**Confirming Proposal and Cost Estimate
Groundwater Sampling and Well Abandonment, Wells BL-5 through BL-8
International Light Metals/Lockheed Martin Corporation Facility
Boeing Realty Corporation/ Lockheed Martin Corporation Joint Investigation
Los Angeles, California**

Dear Ms. Ornelas,

INTRODUCTION

Harding Lawson Associates (HLA) is pleased to submit this revised proposal to perform gauging, sampling, and well abandonment of temporary groundwater monitoring wells located at the Boeing C-6 facility, 19503 South Normandie Avenue, Los Angeles, California. HLA's proposal has been prepared in response to Integrated Environmental Services, Inc. (IES) communications with HLA the week of January 3, 2000. HLA understands that Boeing's objectives on this project are the following:

- Collect groundwater level measurements from monitoring wells BL-1 through BL-8
- Purge and collect groundwater samples from Wells BL-5 through BL-8
- Abandon Wells BL-5 through BL-8 per Los Angeles Department of Health Services (DHS) guidelines.
- Present the results of the above activities in a letter report

The technical approach of our proposal is based on background information provided from a "Request for Closure of Offsite Wells" letter to the Department of Toxic Substances Control (DTSC) from TRC Environmental Solutions, Inc. (TRC) and on our previous experience in numerous similar projects throughout southern California. The groundwater sampling protocol will be based on *Offsite Groundwater Characterization Workplan, Lockheed Martin Corporation/Former International Light Metals Facility, Los Angeles, California*, prepared by IES and dated December 1998. The following sections describe HLA's understanding of the project, and our approach toward achieving BRC's objectives.

SCOPE OF SERVICES

The objective of this project is to provide sampling and abandonment of Wells BL-5 through BL-8 at the Boeing C-6 facility according to the guidelines of the DHS. This proposal is intended to serve as our work plan. The project will involve the following tasks:

Project Preparation

The project preparation task will involve activities necessary to develop the proposal/workplan including subcontractor procurement and contacting the DHS for the issuance of well deconstruction permits. Prior to performing the fieldwork, HLA's California state-certified Industrial Hygienist (CIH) will prepare a project-specific Health and Safety Plan (HSP). The HSP will be prepared in accordance with applicable federal and/or state guidelines. The HSP will provide procedures to be followed in the event of emergency, and will establish the level of safety/exposure precaution to be followed by field personnel.

Engineering and
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